



Technical data sheet Potassium Chloride

FCC, FAO, WHO, E 508

Purity and properties correspond to the requirements of the a.m. regulations (see enclosed table for values/limits)

Version 3

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Combined nomenclature: 31,042,090

Nature of Product:

- white crystals

Chemical Analysis:

	typical	w
• KCl, calculated with reference to the dried substance	99.7	%
• Loss on Drying (2 h, 105°C)	0.1	%
• Na	800	mg/kg
• Mg	100	mg/kg
• Ca	50	mg/kg
• SO ₄	600	mg/kg

Granulometry:

	typical	w
• < 0.8 mm	99	%
• d ₅₀ [mm]	0.35	

Physical Properties:

• Bulk Density	approx. 1,100 kg/m ³
• Bulk Density (packed)	approx. 1,250 kg/m ³
• Angle of Repose	approx. 30 °
• Molecular Weight	74.55 g/mol
• Density	1.987 g/cm ³
• Melting / Solidification Point	771 °C
• Solubility in water	w (KCl) = 25.5 % at 20 °C (68 °F)

Upon request:

- Addition of an anti-caking agent (the pure product is prone to caking)
- Special sieving

Packaging:

- FFS-PE bags 25 kg
- Big Bags

Application:

For the manufacture of dietetic salts, as salt substitute, finishing of carrageenan products and other food and food additive uses. Also for production of other potassium compounds for human consumption.

The data given above are based on our continuous quality monitoring system. They do not exempt the users from their obligation to make an incoming control of the delivered product. The data are for information purposes only and are not to be taken as a guarantee. It is the responsibility of the users to determine the product's suitability for its intended use.